

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 89 - 049

WASTE DISCHARGE REQUIREMENTS FOR:

NAPA VALLEY COUNTRY CLUB,
NAPA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region (hereinafter called the Board), finds that:

1. The Napa Valley Country Club (hereinafter called the Discharger), located at 3385 Hagen Road in Napa County, has proposed to modify its wastewater treatment and disposal system in order to accomodate increased wastewater flows associated with the proposed expansion of the Club's facilities and membership. The Discharger, on June 6, 1988, filed a Report of Waste Discharge with the Board for updating its waste discharge permit. The Discharger's consultant submitted additional technical information regarding the proposed wastewater system modifications on July 1, 1988.
2. The Discharger's facility includes a golf course, tennis courts, a swimming pool and a restaurant for use by club members. The Discharger currently generates an average of about 1,000 gallons per day of domestic wastewater from employees and club members. Wastewater flows from the clubhouse into two 1200 gallon septic tanks connected in series, then flows into a 300 gallon sump, and is then pumped to three evaporation-percolation ponds for final disposal.
3. Two of the existing wastewater ponds (ponds 1 and 2) have been in use for more than ten years, and a larger pond (pond 3) was constructed and put into use in 1983. The ponds are located on a small hill in a wooded area which is surrounded by the golf course owned and operated by the Discharger.
4. The discharge and the existing wastewater pond system is currently governed by waste discharge requirements adopted by the Board on August 15, 1984 in Order No. 84-50.
5. The Discharger proposes to expand the storage and disposal capacity of its wastewater system to accomodate a projected annual average flow rate of about 1600 gallons per day (gpd) (about 1950 gpd during the summer season and about 1300 gpd during the winter season). The proposed improvements include reconstructing the existing ponds 1 and 2 into a single, enlarged pond, and constructing a spray disposal field adjacent to the ponds for dry-weather disposal of the pond effluent. Attachment A is a location map of these facilities, and is hereby made a part of this Order.

6. The existing pond 3 (East pond), which has a storage capacity of about 120,000 gallons, will be retained, and will be connected with the new larger pond (West pond) by a six-inch diameter pipe. The West pond will have a storage capacity of about 304,000 gallons. With allowance for two feet of freeboard, the total storage capacity of the new pond system will be about 424,000 gallons.
7. The ponds will be operated in series, with influent from the septic tanks entering the East pond, and effluent drawn from the West pond for pumping to the spray disposal field. Piping will also be installed to allow discharge of influent directly into the West pond, if necessary.
8. During the wet weather season (November through March), all wastewater will be stored in the ponds. A water balance analysis of the ponds indicates that the proposed ponds will have adequate capacity to store all wastewater inflows and direct precipitation during the wet weather season, based on the projected wastewater generation rate of 1600 gallons per day, and a 10-year recurrence interval rainfall record.
9. During the dry weather season (April through October), effluent from the ponds will be pumped to a 1.34 acre spray disposal site for final disposal. The proposed spray disposal site is a moderately wooded area located on the hillside adjacent to and east of the pond system. The slope of the spray site ranges from 15% to 38%. Existing small trees and brush will be removed from the spray site to allow direct application of wastewater to the land surface. The spray area will be reseeded with perennial grass prior to use of the site in order to prevent soil erosion.
10. The spray disposal system will be used only during dry weather months, when the potential for evaporation, percolation and uptake by plants is optimal. Effluent will be disposed to the spray field at a maximum rate of about 0.12 inches per day, which is below the prevailing evaporation rate, in order to prevent runoff of reclaimed wastewater from the spray site.
11. Spray disposal will only be conducted during nights, early morning hours or days when the golf course is closed, and members of the general public are not present. The spray disposal area will be surrounded by a fence with a 50 foot setback from the edge of the spray site to the fence line.
12. Periodic maintenance of the Discharger's swimming pool includes the use of chemical additives to maintain desired chlorine and pH levels. The pool water passing through the overflow drain is recirculated back to the pool via a surge tank. The pool water is filtered, and the filter is periodically backwashed. During the summer season, about 1,000 to 1,500 gallons of filter backwash wastewater is generated at a frequency of once every two to three weeks. This backwash

wastewater is discharged to land on a wooded hillside adjacent to the pool where it soaks into the soil. The maintenance level during the winter is minimal, and filter backwash water is not discharged during the wet weather season.

13. The Board adopted a revised Water Quality Control Plan for the San Francisco Bay Basin (Basin Plan) on December 17, 1986. The Basin plan contains a listing of beneficial uses of the Napa River downstream from the vicinity of the Napa Valley Country Club, and for groundwaters in the Napa Valley area.
14. The beneficial uses of the Napa River downstream from the vicinity of the Napa Valley Country Club as set forth in the Basin Plan include:
 - a. Navigation
 - b. Water Contact Recreation
 - c. Non-Contact Water Recreation
 - d. Warm Fresh Water Habitat
 - e. Cold Fresh Water Habitat
 - f. Wildlife Habitat
 - g. Preservation of Rare and Endangered Species
 - h. Fish migration and Spawning
 - i. Municipal and Domestic Supply
 - j. Agricultural Supply
15. The beneficial uses of the Napa Valley groundwaters as set forth in the Basin Plan include:
 - a. Municipal Supply
 - b. Industrial Process Water Supply
 - c. Industrial Service Supply
 - d. Agricultural Supply.
16. The Napa County Conservation, Development and Planning Commission approved a Negative Declaration for the proposed project on July 21, 1987, in accordance with the California Environmental Quality Act (Public resources Code Section 21000, et seq.). The Negative Declaration finds that the proposed project will not have a significant effect on the environment.
17. The Board has notified the Discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharge and has provided them with an opportunity for a public hearing and an opportunity to submit written views and recommendations.
18. The Board, in a public hearing, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, that the Discharger, pursuant to the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, shall comply with the following:

A. Prohibitions

1. There shall be no bypass or overflow of untreated or partially treated wastewater to waters of the State from the Discharger's wastewater collection, treatment, storage or disposal facilities.
2. The discharge of swimming pool filter backwash wastewater to any watercourse is prohibited.
3. Discharge of swimming pool filter backwash wastewater to land during the wet weather period of November 1 through April 30 is prohibited.
4. Discharge of toxic substances into the ponds which will disturb the normal biological treatment mechanisms of the ponds is prohibited.
5. Discharging effluent from the ponds except to the designated spray disposal site is prohibited.

B. Discharge Specifications

General

1. Neither the treatment nor the disposal of wastes shall create a nuisance or pollution as defined in the California Water Code.
2. The discharge of waste shall not degrade the quality of any groundwater used for domestic purposes or cause an increase in any quality parameter that would make groundwater unsuitable for irrigation use.
3. The pump station wet well adjacent to the septic tanks shall be equipped with a high water level alarm in order to prevent the occurrence of sewage spill resulting from mechanical breakdown or power failure. The power supply for the alarm shall be independent of the normal power supply for the wastewater system.
4. The wastewater ponds and the spray disposal site areas shall be fenced in order to effectively restrict public access.
5. Conspicuous warning signs shall be posted around the pond and spray disposal areas informing the public that the water contained therein is reclaimed wastewater and is not safe for drinking or contact. Signs shall be of sufficient size and proper wording to be clearly read. The signs shall be posted at the corners of the pond area and at about 200 foot intervals along the fence surrounding the spray site.

Treatment/Storage Ponds

6. Water at the surface of the ponds shall meet the following quality limits at all times:

In any grab sample:

- | | |
|----------------------|----------------------------|
| a. Dissolved Oxygen | 2.0 mg/l, minimum |
| b. Dissolved Sulfide | 0.1 mg/l, maximum |
| c. pH | 6.0, minimum; 9.0, maximum |

7. To prevent the threat of overflows, a minimum freeboard of two (2) feet shall be maintained in the ponds at all times.
8. The bottom of the proposed new pond to be reconstructed from the existing ponds 1 and 2 shall be lined or compacted so that percolation of wastewater into subsurface soils has a rate of not more than 10^{-6} cm/sec.
9. The ponds shall be adequately protected from erosion, washout, and flooding from a rainfall event having a predicted frequency of once in 100 years.
10. All maintenance work, including repair and cleaning of the ponds must be completed during the dry weather season.

Reclaimed Water Use

11. No wastewater shall be applied to the spray disposal site during the wet weather period from November 1 through March 30 of each year, or during rainfall, or when soils are saturated to a point where runoff is likely.
12. The Discharger shall assure that the reclaimed wastewater disposed to the spray disposal site is at all times an adequately oxidized, disinfected wastewater that meets the following quality limits at all times:

In any grab sample:

- | | |
|--|--------------------|
| a. 5-day, 20°C Biochemical
Oxidation Demand (BOD) | 40.0 mg/l, maximum |
| b. Dissolved Oxygen | 1.0 mg/l, minimum |
| c. Dissolved Sulfides | 0.1 mg/l, maximum |

At any point downstream of the disinfection facilities where adequate contact with the disinfectant is assured:

- d. The median number of fecal coliform organisms shall not exceed 23 MPN/100 ml as determined from the results of the last seven days for which analyses have been completed. The number of fecal coliform organisms shall not exceed 240 MPN/100 ml in any two consecutive samples. (The Discharger may, at its option, meet this limit based on Total Coliform analyses.)

13. The Discharger shall discontinue the pumping of reclaimed water to the spray disposal site during any period when there is reason to believe that the limits specified in B.12. above are not being met. The pumping of reclaimed water shall not be resumed until all conditions which caused the limits specified in B.12. to be violated have been corrected.
14. No reclaimed water shall be allowed to escape from the designated use area via airborne spray, surface flow or resurfacing after percolation.
15. Reclaimed wastewater shall be disposed to the spray field only during nights, early morning hours, or days when the golfcourse is closed and members of the general public are not present.
16. Spray disposal system sprinkler heads shall be installed in such a manner to optimize the disposal of reclaimed water to the land surface, and to prevent spraying into overhead tree foliage. Sprinkler heads shall be mounted no more than four feet from the ground surface. Where necessary to prevent uneven distribution of spray to sloped surfaces, the sprinkler riser pipes shall be installed perpendicular to the ground surface.
17. Reclaimed wastewater shall not be sprayed on any facility or area not designated for reclamation such as walkways, passing vehicles, buildings, domestic water facilities or food handling facilities. Drinking water facilities shall be protected from direct or windblown reclaimed water spray.
18. The Discharger shall manage its spray irrigation so as to prevent wastewater ponding in the spray field which could provide a breeding area for mosquitoes.

C. Provisions

1. Surface runoff from the higher elevation land area adjacent to the ponds shall be prevented from entering the ponds.
2. The Discharger shall submit as-built plans of the wastewater pond and spray disposal system to the Regional Board prior to use of the spray disposal system.
3. In reviewing compliance with Prohibition A.1. and Discharge Specification B.7. of this Order, the Board will take special note of the difficulties encountered in achieving compliance during entire wet seasons having a rainfall recurrence interval of greater than once in ten years.

4. The Discharger shall comply with all sections of this Order immediately upon adoption.
5. The Discharger shall comply with the Self-Monitoring Program as adopted by the Board and as may be amended by the Executive Officer.
6. The Discharger shall maintain in good working order and operate, as efficiently as possible, any facility or control system installed or as modified to achieve compliance with this Order.
7. All equipment, including pumps, piping, valves, storage ponds etc. which may at any time contain reclaimed water shall be adequately and clearly identified with warning signs and the Discharger shall make all necessary provisions, in addition, to inform the public that the liquid contained is reclaimed wastewater and is unfit for human consumption.
8. In the event the Discharger is unable to comply with any of the conditions of this Order due to:
 - a. Breakdown of wastewater transport or treatment equipment;
 - b. Accidents caused by human error or negligence; or
 - c. Other causes such as acts of nature,

the Discharger shall notify the Board by telephone as soon as the Discharger or the Discharger's agents have knowledge of the incident.

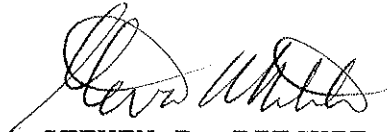
Written confirmation of this notification shall be submitted within two weeks of the telephone notification. The written notification shall include pertinent information explaining reasons for the non-compliance and shall indicate what steps were taken to correct the problem and the dates thereof, and what steps are being taken to prevent the problem from recurring.

9. The Discharger shall permit the Board or its authorized representatives, in accordance with Section 13267(c) of the California Water Code:
 - a. Entry upon premises where a regulated facility or activity is located or conducted, or where records are kept under the conditions of this Order;

- b. Access to and copy of, at reasonable times, any records that must be kept under the conditions of this Order;
 - c. Inspection, at reasonable times, of any facility, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Order; or
 - d. To photograph, sample or monitor, at reasonable times, for the purpose of assuring compliance with this Order.
10. In the event of any change in control or ownership of land or waste discharge facilities presently owned or controlled by the Discharger, the Discharge shall notify the succeeding owner or operator of the existence of this Order by letter, a copy of which shall be forwarded to this Board.
11. The Discharger shall file with the Board a Report of Waste Discharge at least 180 days before making any material change in the character, location, or volume of the reuse, except for emergency conditions in which case the Board shall be notified.
12. The Board will review this Order periodically and may revise the requirements when necessary.
13. After notice and opportunity for a hearing, this Order may be terminated or modified for cause, including, but not limited to:
- a. Violation of any term or condition of this Order;
 - b. Obtaining this Order by misrepresentation, or failure to disclose fully all relevant facts;
 - c. A change in any condition that requires either a temporary or permanent change in the authorized reuse;
 - d. Endangerment to public health or environment that can only be regulated to acceptable levels by Order modification or termination.
14. The waste discharge requirements prescribed by this Order supercede the requirements prescribed by the Board's Order No. 84-50. Order No. 84-50 is hereby rescinded.

15. This Order is subject to Board review and updating, as necessary to comply with changing State and Federal laws, regulations, policies, or guidelines; changes in this Regional Board's Basin Plan; or changes in the discharge characteristics. This Order will be reviewed to determine the need for updating no more than five years from the effective date of this Order.

I, Steven R. Ritchie, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region on April 19, 1989.

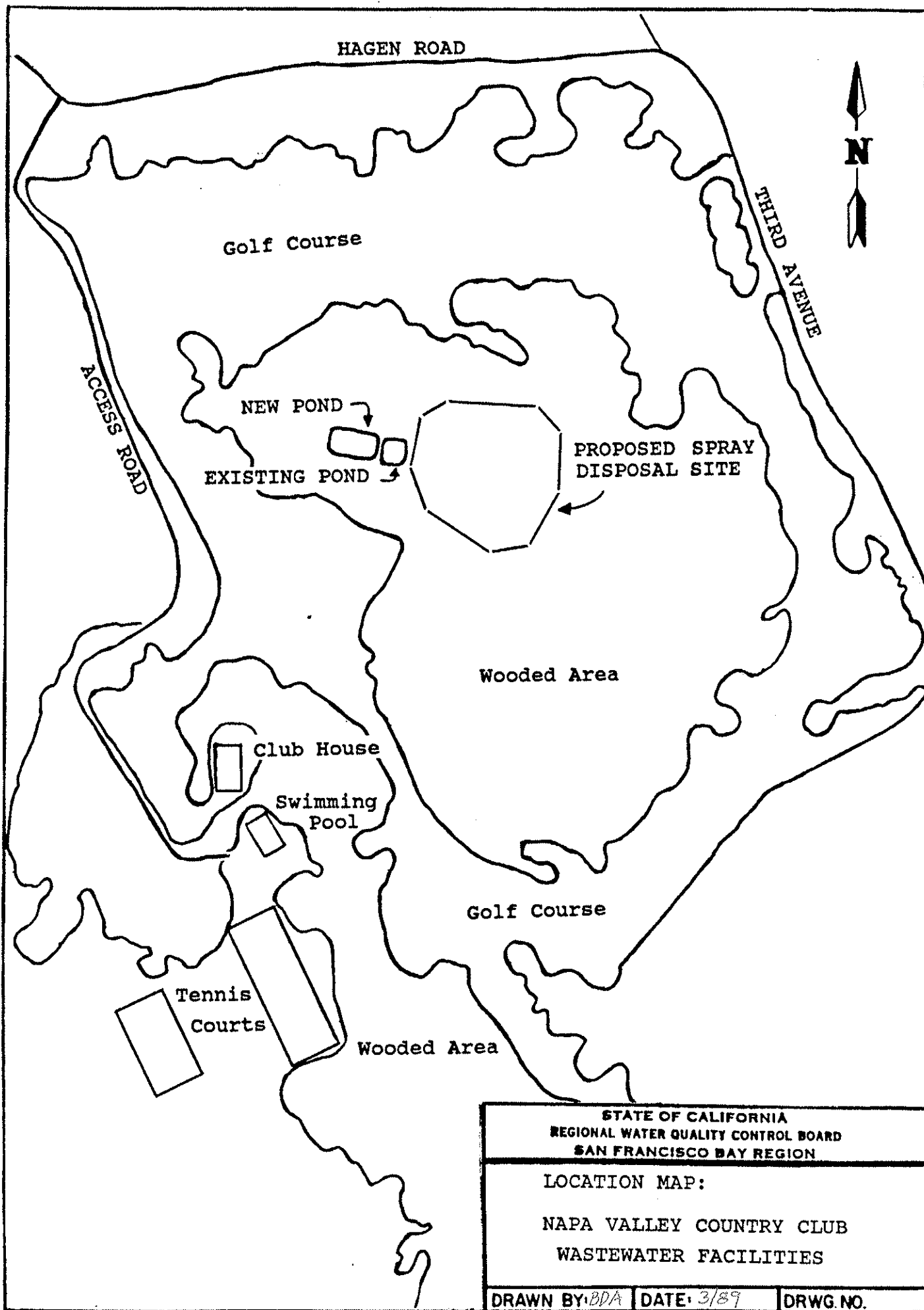


STEVEN R. RITCHIE
Executive Officer

Attachments:

Location Map
Self-Monitoring Program

[File No. 2139.3032]
[Originator/BDA]
[Reviewer/RJC]



CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM

FOR

NAPA VALLEY COUNTRY CLUB

NAPA COUNTY

ORDER NO. 89 - 049

CONSISTS OF

PART A

PART A

I. GENERAL

Reporting responsibilities of waste dischargers are specified in Sections 13225(a), 13267(b), 13268, 13383, and 13387(b) of the California Water Code and this Regional Board's Resolution No. 73-16.

The principle purposes of a monitoring program by a waste discharger or reclaimed water user, also referred to as a self-monitoring program, are:

1. To document compliance with waste discharge requirements and prohibitions established by this Regional Board; and
2. To facilitate self-policing by the waste discharger in the prevention and abatement of pollution arising from waste discharge.

II. SAMPLING AND ANALYTICAL METHODS

Sample collection, storage, and analyses shall be performed according to Code of Federal Regulations Title 40, Section 136 (40 CFR S136), or other methods approved and specified by the Executive Officer of this Regional Board.

Water and waste analyses shall be performed by a laboratory approved for these analyses by the State Department of Health Services (DOHS), or a laboratory waived by the Executive Officer from obtaining a DOHS certification for these analyses.

The director of the laboratory whose name appears on the certification, or his/her laboratory supervisor who is directly responsible for the analytical work performed shall supervise all analytical work including appropriate quality assurance/quality control procedures in his/her laboratory and shall sign all reports of such work submitted to the Regional Board.

All monitoring instruments and equipment shall be properly calibrated and maintained to ensure accuracy of measurements.

III. DEFINITION OF TERMS

1. A grab sample is defined as an individual sample collected in a short period of time not exceeding 15 minutes. Grab samples are used primarily in determining compliance with daily maximum limits and instantaneous maximum limits. Grab samples represent only the condition that exists at the time the sample is collected.

2. A flow sample is defined as the accurate measurement of the average daily flow volume using a properly calibrated and maintained flow measuring device, or as calculated from the properly maintained pump useage records for an accurately calibrated pump.

3. Standard Observations

- a. Pond Area

- (1) For each pond, determine height of the freeboard at the lowest point of the pond perimeter dikes.
 - (2) Evidence of leaching liquid from the area of confinement and estimated size of the affected area (Show affected area on a sketch, and include estimated volume of seepage or flow rate).
 - (3) Odor: presence or absence, characterization, source, and distance of travel.
 - (4) Estimated number of waterfowl and other water-associated birds in the pond area and vicinity.
 - (5) Warning signs properly posted to inform public that pond contains reclaimed wastewater which is not safe for drinking or contact.

- b. Spray Disposal Site

- (1) Evidence of reclaimed wastewater escaping the spray disposal site through surface runoff or airborne spray (Show affected area on a sketch).
 - (2) Odor: presence or absence, characterization, source, and distance of travel.
 - (3) Evidence of ponding of reclaimed wastewater, or of mosquitoes breeding within the disposal area due to ponded water or excessive spray.
 - (4) Warning signs properly posted to inform public that water being used is reclaimed wastewater which is not safe for drinking or contact.

- c. Swimming Pool Area

- (1) Date, time and duration of each discharge of swimming pool filter backwash wastewater.
 - (2) Estimated volume of filter backwash wastewater discharged.
 - (3) Evidence of discharged filter backwash wastewater contacting any surface watercourse.

IV. DESCRIPTION OF SAMPLING STATIONS

A. POND INFLUENT

<u>Station</u>	<u>Description</u>
A-1	At a point in the wastewater system prior to discharge into the ponds at which all waste tributary to the ponds is present.

B. POND EFFLUENT

<u>Station</u>	<u>Description</u>
E-1	At a point in the effluent from the ponds prior to being applied to the spray disposal site (May be the same as E-1-D).
E-1-D	At a point in the effluent from the disinfection facilities at which point adequate contact with the disinfectant is assured.

C. POND WATERS

<u>Station</u>	<u>Description</u>
P-1 and P-2	Located in ponds 1 (East) and 2 (West), respectively, at a point about one foot below the water surface, representative of the wastewater.

D. LAND OBSERVATIONS

<u>Station</u>	<u>Description</u>
1. POND AREA	
L-1 through L-4	Points located at the midpoints of the perimeter levee around the ponds.
2. SPRAY DISPOSAL SITE	
S-1 through S-6	Points located at about 200 foot intervals along the perimeter of the spray disposal site.

NOTE: A sketch showing the locations of these stations shall accompany the first monitoring report, and subsequent reports when station locations are changed or a violation is reported.

E. SWIMMING POOL

<u>Station</u>	<u>Description</u>
SP	In the land area adjacent to the swimming pool where filter backwash wastewater is discharged to the land.

NOTE: A sketch showing the location of this station, and the area where swimming pool filter backwash wastewater is discharged shall accompany the first monitoring report and subsequent reports when locations change, or a violation is reported.

V. SCHEDULE OF SAMPLING, MEASUREMENTS, AND ANALYSIS

The Discharger is required to perform observations, sampling, measurements and analyses according to the schedule given in Table I (Attachment A).

VI. REPORTS TO BE FILED WITH THE REGIONAL BOARD

1. Self-Monitoring Reports

Written reports shall be filed regularly for each calendar quarter (ending March, June, September and December). Reports shall be submitted to this Regional Board's office no later than the fifteenth day of the month following the end of each quarter. The reports shall consist of the following:

A. Letter of Transmittal

A letter transmitting the self-monitoring reports should accompany each report. Such a letter shall include a discussion of requirement violations found during the reporting period, and actions taken or planned for correcting noted violations, such as operation or facility modifications. If the Discharger has previously submitted a report describing corrective actions and/or a time schedule for implementing the corrective actions, reference to the previous correspondence will be satisfactory.

The transmittal letter shall contain a statement by the Discharger, or the Discharger's authorized agent, under penalty of perjury, that to the best of the signer's knowledge the report is true, accurate and complete.

B. Results of Analyses and Observations

Tabulations of the results from each required analysis and/or observations specified in Table I (Attachment A) by date, time, type of sample, and sample station.

2. Report of Permit Violation


In the event the Discharger violates, or threatens to violate the conditions of the waste discharge requirements and prohibitions due to:

- a. Maintenance work, power failure, or breakdown of wastewater transport or treatment equipment;
- b. Accidents caused by human error or negligence; or
- c. Other causes such as acts of nature,

the Discharger shall notify the Regional Board office by telephone as soon as the Discharger or the Discharger's agents have knowledge of the incident. Written confirmation of this notification shall be submitted within two weeks of the telephone notification. The written notification shall include pertinent information explaining reasons for the non-compliance and shall indicate what steps were taken to correct the problem and the dates thereof, and what steps are being taken to prevent the problem from recurring.

I, Steven R. Ritchie, Executive Officer, hereby certify that the foregoing Self-Monitoring Program:

1. Has been developed in accordance with the procedure set forth in the Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 89-049.
2. Is effective on the date shown below.
3. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the discharger and revisions will be ordered by the Executive Officer.


STEVEN R. RITCHIE
Executive Officer

Effective Date 4/17/89

Attachments:

- A. Table I - Schedule for Sampling, Measurements and Analyses
- B. Reclamation Use Self-Monitoring Report form
- C. Pond Observation Self-Monitoring Report form

ATTACHMENT A

TABLE I

SCHEDULE FOR SAMPLING, MEASUREMENTS AND ANALYSES (NAPA VALLEY COUNTRY CLUB)

SAMPLING STATIONS	A-1	E-1	E-1-D	P-1 & P-2	All L	All S	SP
Type of Samples	Flow	G (1)	G (1)	G	O	O	O
Flow Rate (gpd) and Total Monthly Flow (gals)	M	M					E est
pH (units)				M			
Dissolved Oxygen (mg/l)		M		M			
BOD (mg/l)		M					
Dissolved Sulfides (mg/l)		M(2)		M(2)			
Coliform Organisms, Total or Fecal (MPN/100ml)			D				
Applicable Standard Observations (3)					W	W (4)	E

LEGEND FOR TABLE I

Type of Sample

Flow = Flow measurement
G = Grab Sample
O = Observations

Sampling Frequency

2/W = Twice per week
W = Weekly
2W = Every two weeks
M = Monthly
E = Each event

NOTES:

- (1) Measurements and analyses required only when pond effluent is discharged to spray disposal site.
- (2) Analysis only required when Dissolved Oxygen is below 2.0 mg/l.
- (3) The Discharger shall perform the required observations and file the Reclamation Use and Pond Observation Reports (Attachments B and C, respectively) as part of the quarterly Self-Monitoring Reports. Reclamation Use Reports are only required for months when irrigation occurs.
- (4) Weekly observations of spray disposal area required only during weeks when spray disposal occurs.

ATTACHMENT B

RECLAMATION USE SELF-MONITORING REPORT (NAPA VALLEY COUNTRY CLUB)

1. Reporting Period (Month/Year): _____

2. Report dates and times when spray disposal occurred:

3. Total Gallons discharged for the month: _____

4. Required observations, when spray disposal occurs:
(Fill in date and time of inspection, and indicate 'yes' or 'no' for each observation.)

Date and Time Inspected:				
Sample Stations Inspected:				
Escape of Reclaimed Water from Spray Disposal Site in form of: a) Surface flow or b) Airborne Spray				
Odor from Reclaimed Water				
Ponding of Reclaimed Water				
Mosquito Breeding				
Warning Signs Improperly Posted				
Public Contact with Reclaimed Water				
Spray Disposal when golf-course open to the public				

If any of the above observations were yes, a written report containing the following information shall be submitted:

- Time when violation was observed.
- Show location of violation on a sketch of the site.
- Explain cause and extent of violation.
- Describe corrective action taken and the dates compliance was achieved and spray disposal was resumed.

5. I certify that the information in this report, to the best of my knowledge, is true and correct.

Signature of User Supervisor

Date

ATTACHMENT C

POND OBSERVATION SELF-MONITORING REPORT (NAPA VALLEY COUNTRY CLUB)

1. Reporting Period (Month/Year): _____
2. Flow Measurement: Pond Influent (A-1) Pond Effluent (E-1)
 - a. Average Daily Flow
(gallons per day): _____
 - b. Total Monthly Flow
(gallons): _____
3. Required weekly observations: (Fill in date and time of inspection, and indicate 'yes' or 'no' for each observation.

Date and Time Inspected:				
Sample Stations Inspected:				
Freeboard (feet):				
a) Pond 1 (East Pond)				
b) Pond 2 (West Pond)				
Evidence of leaching from pond area				
Odor from Pond Water				
Estimated number of water- fowl in pond area				
Warning Signs Improperly Posted				
Public Contact with Pond Water				

If any of the above observations were yes, indicating a violation of waste discharge requirements, a written report containing the following information shall be submitted:

- a. Time when violation was observed.
- b. Show location of violation on a sketch of the site.
- c. Explain cause and extent of violation.
- d. Describe corrective action taken and the dates compliance was achieved and irrigation was resumed.

4. I certify that the information in this report, to the best of my knowledge, is true and correct.

Signature of User Supervisor

Date